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OM nucleic - nucleic search, using sw model

Run on: June 17, 2003, 11:18:58 ; Search time 60.5096 Seconds
(without alignments)
5580.127 Million cell updates/sec

Title: US-09-807-933B-4

Perfect score: 1101

Sequence: 1 atgaggttattactattac.....caggtgttcaagaataaa 1101

Scoring table: IDENTITY NUC

Gapop 10.0, Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 382724

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Listing first 45 summaries

Database : Issued Patents NA:*

1: /cgn2_6/ptodata/1/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PTUS_COMB.seq:*
6: /cgn2_6/ptodata/1/ina/backfiles1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	194.2	17.6	1473	1	US-08-090-013-3
2	194.2	17.6	1473	1	US-08-081-328-3
3	194.2	17.6	1473	1	US-08-232-249-3
4	194.2	17.6	1473	2	US-08-833-642A-3
5	194.2	17.6	1473	2	US-08-389-423-3
6	194.2	17.6	1473	4	US-09-230-665-3
7	194.2	17.6	1473	4	US-09-189-028-3
8	190	17.3	984	4	US-09-230-665-7
9	181.2	16.5	1423	4	US-08-651-136C-9
10	181.2	16.5	1423	4	US-09-229-911A-9
11	178	16.2	927	3	US-08-651-136C-5
12	178	16.2	927	4	US-09-229-911A-5
13	177.8	16.1	960	4	US-08-651-136C-1
14	177.8	16.1	960	4	US-09-229-911A-1
15	177.8	16.1	1132	4	US-08-651-136C-21
16	177.8	16.1	1132	4	US-09-229-911A-21
17	177.2	16.1	924	4	US-09-189-060B-69
18	176.8	16.1	894	4	US-08-651-136C-3
19	176.8	16.1	894	4	US-09-229-911A-3
20	174.4	15.8	919	4	US-09-189-060B-67
21	166.4	15.1	922	4	US-09-189-060B-65
22	166	15.1	1154	4	US-08-651-136C-7
23	166	15.1	1154	4	US-09-229-911A-7
24	163.8	14.9	913	3	US-08-651-136C-13
25	163.8	14.9	913	4	US-09-229-911A-13
26	162	14.7	885	3	US-08-651-136C-23
27	162	14.7	885	4	US-09-229-911A-23

28	161.6	14.7	912	4	US-09-189-060B-71	Sequence 71, Appl
29	158.8	14.4	1174	2	US-08-872-437-1	Sequence 1, Appl
30	158.8	14.4	1174	3	US-08-651-136C-11	Sequence 11, Appl
31	158.8	14.4	1174	4	US-09-229-911A-11	Sequence 11, Appl
32	151.6	13.8	922	4	US-09-189-060B-73	Sequence 73, Appl
33	150.4	13.7	807	4	US-09-230-665-5	Sequence 5, Appl
34	150.4	13.7	1060	1	US-08-090-013-1	Sequence 1, Appl
35	150.4	13.7	1060	1	US-08-081-328-1	Sequence 1, Appl
36	150.4	13.7	1060	2	US-08-232-249-1	Sequence 1, Appl
37	150.4	13.7	1060	2	US-08-921-426-7	Sequence 7, Appl
38	150.4	13.7	1060	2	US-08-833-642A-1	Sequence 1, Appl
39	150.4	13.7	1060	2	US-08-140-008A-3	Sequence 3, Appl
40	150.4	13.7	1060	2	US-08-389-423-1	Sequence 1, Appl
41	150.4	13.7	1060	3	US-08-816-915-7	Sequence 7, Appl
42	150.4	13.7	1060	4	US-09-189-060B-55	Sequence 55, Appl
43	150.4	13.7	1060	4	US-09-230-665-1	Sequence 1, Appl
44	150.4	13.7	1060	4	US-09-189-028-1	Sequence 1, Appl
45	150.4	13.7	1060	5	PCT-US95-07743-7	Sequence 7, Appl

ALIGNMENTS

RESULT 1
US-08-090-013-3
Sequence 3, Application US/08090013
Patent No. 5443750
GENERAL INFORMATION:
APPLICANT: CONVENTS, ANDRE C
APPLICANT: BUSCH, ALFRED
APPLICANT: BAECK, ANDRE C
TITLE OF INVENTION: DETERGENT COMPOSITION WITH HIGH ACTIVITY
TITLE OF INVENTION: CELLULASE AND SOFTENING CLAYS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESSES:
ADDRESSEE: THE PROCTER & GAMBLE COMPANY
STREET: 5299 SPRING GROVE AVENUE
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
ZIP: 45217
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/090,013
FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91202880.0
FILING DATE: 06-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: PATEL, KEN K.
REGISTRATION NUMBER: 33,988
REFERENCE/DOCKET NUMBER: CM393
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-6437
TELEFAX: 513-627-4854
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-090-013-3
Query Match 17.6%; Score 194.2; DB 1; Length 1473;
Best Local Similarity 59.5%; Pred. No. 2.6e-52;

Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

QY 464 GTGGGACCTCTGTGTAACGGTGTCACTACTGTTATTTGGGATTTGCTGTAAGCCCTCCCTGTA 523
 143 GTGCTCTCTCTGGAAGCGGTCACTACTCACTACTGGAATTTGCGAAGCTCTTGTCT 202
 QY 524 GCTGCGCCGGTAAGCGCAATGTCACTTCTCCGTCAAGTCTGTAAACAAGATGGTCA 583
 203 CTGGAGCGGAAGGTGTCTGTACAGCCCTGCTTTAACTTGTGATAGAACACAAACC 262
 QY 584 CTGCGCTTGTAGTACAGCAATGTCCAAAGTGTCTGTAAAGGTGTAAAGTCAATGTGA 643
 263 CCAATTCCAAACCAATAGCTGTCAACGGTGTGAGGGTGTGTCTGTCTTATGCTTGA 322
 QY 644 AGCAACAACGACCTTGGGCTGTAAAGATTAATCTTGGCCATTTGCTGCTGTGCA 703
 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGTCTTACGTTTCGCTGTAACAGA 382
 QY 704 TCAAGTGTGAGTGAATCTCGCTGGTGTCTTCTTGTTCGAACCTTACTTCACTTCTA 763
 383 TCTCCGATGCTCCGAGGCGAGCTGTGTCTGTCTTGTATGCTTGAACCTTCAACCACTG 442
 Db 764 CTTCTGTGTGTGTAAAGATGTATTCAGTCACTAACTGTGTGTGTATCTTGTCT 823
 443 GCCCGTCAAGGGCGAAGATGATGTCTCAAGTCAACCACTGTAGATGTCTGCG- 501
 QY 824 CCTCTACTGTGTCTCACTTGTCACTTGTCAATGCGCGGTGTGTGTGTGTATTTTCAATG 883
 502 -----GACAAACCACTTGTCAATGATGCGCGGTGTGTGTGTGTGTGTGTGTGAAG 553
 Db 884 GTTGTCTCAAGCAATGGGTGCTCCCAATGACGTTGGGGCTGGAATACGATGATTT 943
 554 GGTGACCTCTGAGTTTCG-----CAAGGCTCTGCGGGGTGCGCACTAGGAGGATATCT 607
 QY 944 CTTTGCAGTCTGATGCTCTGATCTTCTTCCGCACTTCAAGCTGTGTGTAAATGTAGAT 1003
 608 CTTCCCGAAGCAATGTGATGCTATCCCGAGCTTCTCAAGAGGTTTGCACATGGGAT 667
 Db 1004 TCAACTGTGTAAAGACGCTGTAAACCAAGATGATGATTAACAAGAGTACTGTGCCA 1063
 668 TCGACTGTGTCAAGAACGCGCAACCTGTACTTCACTTGTAGAGGTTTCAAGTGTGCCA 727
 QY 1064 AGGAATCAACCGCAAGACAGGTTG 1088
 Db 728 AGGCTCTCTCGACATCAATGATG 752

RESULT 2
 US-08-081-328-3
 ; Sequence 3, Application US/08081328
 ; Patent No. 5520838
 ; GENERAL INFORMATION:
 ; APPLICANT: BAECK, ANDRE C.
 ; APPLICANT: CEULEMANS, RAPHAEL, ANGELINE A.
 ; APPLICANT: BUSCH, ALFRED (NMN)
 ; TITLE OF INVENTION: COMPACT DETERGENT COMPOSITIONS WITH
 ; TITLE OF INVENTION: HIGH ACTIVITY CELLULASE
 ; NUMBER OF SEQUENCES: 4
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: THE PROCTER & GAMBLE COMPANY
 ; STREET: 11810 East Miami River Road
 ; CITY: CINCINNATI
 ; STATE: OHIO
 ; COUNTRY: USA
 ; ZIP: 45253-8707
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Diskette
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: Patentin Release #1.0, Version #1.25
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/08/081,328
 ; FILING DATE: 11/19/93

CLASSIFICATION: 252
 ATTORNEY/AGENT INFORMATION:
 NAME: ZERBY, KIM WILLIAM
 REGISTRATION NUMBER: 32,323
 REFERENCE/DOCKET NUMBER: CM356M
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 513-627-2885
 TELEFAX: 513-627-0318
 INFORMATION FOR SEQ ID NO: 3:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 1473 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: unknown
 TOPOLOGY: unknown
 FEATURE:
 NAME/KEY: CDS
 LOCATION: 97..1224
 US-08-081-328-3

Query Match 17.6%; Score 194.2; DB 1; Length 1473;
 Best Local Similarity 59.5%; Pred. No. 2.6e-52;
 Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

QY 464 GTGGGACCTCTGTGTAACGGTGTCACTACTGTTATTTGGGATTTGCTGTAAGCCCTCCCTGTA 523
 143 GTGCTCTCTCTGGAAGCGGTCACTACTCACTACTGGAATTTGCGAAGCTCTTGTCT 202
 QY 524 GCTGCGCCGGTAAGCGCAATGTCACTTCTCCGTCAAGTCTGTAAACAAGATGGTCA 583
 203 CTGGAGCGGAAGGTGTCTGTACAGCCCTGCTTTAACTTGTGATAGAACACAAACC 262
 QY 584 CTGCGCTTGTAGTACAGCAATGTCCAAAGTGTCTGTAAAGGTGTAAAGTCAATGTGA 643
 203 CTGGAGCGGAAGGTGTCTGTACAGCCCTGCTTTAACTTGTGATAGAACACAAACC 262
 Db 584 CTGCGCTTGTAGTACAGCAATGTCCAAAGTGTCTGTAAAGGTGTAAAGTCAATGTGA 643
 263 CCAATTCCAAACCAATAGCTGTCAACGGTGTGAGGGTGTGTCTGTCTTATGCTTGA 322
 QY 644 AGCAACAACGACCTTGGGCTGTAAAGATTAATCTTGGCCATTTGCTGCTGTGCA 703
 323 CCAACTACTCTCCCTGGGCTGTCAACGATGAGCTTGTCTTACGTTTCGCTGTAACAGA 382
 Db 704 TCAAGTGTGAGTGAATCTCGCTGGTGTCTTCTTGTTCGAACCTTACTTCTA 763
 383 TCTCCGATGCTCCGAGGCGAGCTGTGTCTGTCTTGTATGCTTGAACCTTCAACCACTG 442
 QY 764 CTTTGCAGTCTGATGCTCTGATCTTCTTCCGCACTTCAAGCTGTGTGTAAATGTAGAT 1003
 608 CTTCCCGAAGCAATGTGATGCTATCCCGAGCTTCTCAAGAGGTTTGCACATGGGAT 667
 Db 1004 TCAACTGTGTAAAGACGCTGTAAACCAAGATGATGATTAACAAGAGTACTGTGCCA 1063
 668 TCGACTGTGTCAAGAACGCGCAACCTGTACTTCACTTGTAGAGGTTTCAAGTGTGCCA 727
 QY 1064 AGGAATCAACCGCAAGACAGGTTG 1088
 Db 728 AGGCTCTCTCGACATCAATGATG 752

RESULT 3
 US-08-232-249-3
 ; Sequence 3, Application US/08232249
 ; Patent No. 5610129
 ; GENERAL INFORMATION:

APPLICANT: MCCORODALE, FINLAY (NMN)
APPLICANT: BUSCH, ALFRED (NMN)
TITLE OF INVENTION: DYE TRANSFER INHIBITING COMPOSITIONS
NUMBER OF SEQUENCES: 4
CORRESPONDENCE ADDRESS:
ADDRESSEE: THE PROCTER & GAMBLE COMPANY
STREET: 5299 SPRING GROVE AVENUE
CITY: CINCINNATI
STATE: OHIO
COUNTRY: USA
ZIP: 45217
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/232,249
FILING DATE: 05-MAY-1994
CLASSIFICATION: 510
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 91202882.6
FILING DATE: 06-NOV-91
ATTORNEY/AGENT INFORMATION:
NAME: ALLEN, GEORGE W.
REGISTRATION NUMBER: 26,143
REFERENCE/DOCKET NUMBER: CM-395
TELECOMMUNICATION INFORMATION:
TELEPHONE: 513-627-5946
TELEFAX: 513-627-8118
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-232-249-3

Query Match 17.6%; Score 194.2; DB 1; Length 1473;
Best Local Similarity 59.5%; Pred. No. 2.6e-52;
Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

464 GTGCTGCTCTGTGAACGCTGCTACTCTGTTATGGAGTTGCTGAAGCCTCTGTA 523
143 GTGCTGCTCTGTGAACGCTGCTACTCTGTTATGGAGTTGCTGAAGCCTCTGTA 202
524 GCTGCTGCTGTGAACGCTGCTACTCTGTTATGGAGTTGCTGAAGCCTCTGTA 583
203 CTGGAAGCGGAAGGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 262
584 CTGCTGCTGTGAACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 643
263 CCATTTCACACCAATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 322
644 AGCACAACGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 703
323 CCAACTACTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 382
704 TCAGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 763
383 TCTCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 442
764 CTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 823
443 GCCCGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 501
824 CTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 883
502 -----GACAAACCTTGCATCTCATGATGCCGCGGCTGCTGCTGCTGCTGCTGCT 553

884 GTTCTCTCAAGCATGAGGCTGCTCCCAATGACGCTTGGGCTCGAGATACGCTGTAATT 943
554 GCTGCACTCTGAGTTGG-----CAAGGCTCTGGCGGCTGCTGCTGCTGCTGCTGCT 607
944 CTTTGCATCTGACTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1003
608 CTTCCCAAGCATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 667
1004 TCACCTGCTTCAAGACGCTGATTAACCAAGCATGATTAACCAAGCATGATTAACCTGTC 1063
668 TCGACTGCTTCAAGACGCTGATTAACCAAGCATGATTAACCAAGCATGATTAACCTGTC 727
1064 AGCAATACCGCCCAAGACGCTG 1088
728 AGGCTCTCTGATCATGATGATG 752

RESULT 4
US-08-833-642A-3
Sequence 3, Application US/08833642A
Patent No. 5883066
GENERAL INFORMATION:
APPLICANT: Ivan M. A. J. Herbots et al.
TITLE OF INVENTION: Liquid Detergent Compositions
CONTAINING CELLULOSE AND AMINE
NUMBER OF SEQUENCES: 5
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jackie Ann Zurcher
ADDRESSEE: Dinmore & Shohl LLP
STREET: 255 E. Fifth Street
STREET: 1900 Chemed Center
CITY: Cincinnati
STATE: Ohio
COUNTRY: USA
ZIP: 45202
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/833,642A
FILING DATE: April 8, 1997
ATTORNEY/AGENT INFORMATION:
NAME: Zurcher, J. A.
REGISTRATION NUMBER: P42,251
REFERENCE/DOCKET NUMBER: CM551C
TELECOMMUNICATION INFORMATION:
TELEPHONE: (513) 977-8377
TELEFAX: (513) 977-8141
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: fusarium oxysporum
STRAIN: DSM 2672
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-833-642A-3

Query Match 17.6%; Score 194.2; DB 2; Length 1473;
Best Local Similarity 59.5%; Pred. No. 2.6e-52;
Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

464 GTGCTGCTCTGTGAACGCTGCTACTCTGTTATGGAGTTGCTGAAGCCTCTGTA 523

Db 143 GTGCTGCTTCTGGAAGCGGTCACTCTACTGATACCTGGAATGCTGCAAGCTTCTTCT 202
Qy 524 GGTGCGCCGGTGAAGGCAATGTCACTTCTCTGTCATGCTCTGTAACAAAGATGCTGCA 583
Db 203 CTTGGAGCGGAAGGCTGCTGTCAAGCGCCCTGCTTAATCTTGATAGAACACCAACC 262
Qy 584 CTGCGCTTAGTACACGAATGTCCAAAGTGTGCTGAAGGCTGAACAGTTACATGTGTA 643
Db 263 CCATTTCCAAACCAATGCTGTCAACGGTTGGAAGGCTGCTGCTTCAATGCTGTGCA 322
Qy 644 AGCAACACCAAGCTTGGGCTGTAACGATATCTTGCTATGCTTCCGCTGCTGCA 703
Db 323 CCAACTACTCTCTCGGCTGTCAACGATGATGCTTCCCTGCTTCCGCTGCTGCAAGA 382
Qy 704 TCAGTGTGTGTGTGATCTGCTGCTGCTGCTGCTTCTTCTTCTGTAAGTACTTCACTTCTTA 763
Db 383 TCTCCGCTGCTCGGAGCGCAAGCTGCTGCTGCTGCTTCTTCTGACCTTCACTGCACTG 442
Qy 764 CTTCTGCTGTGTAAGAAAGTATGCTCAAGTCACTGCACTGCTGCTGCTGCTGCT 823
Db 443 GCCCGCTCAAGGCAAGAGATGATGCTCAAGTCACTGCACTGCAAGTGAATCTCGGC- 501
Qy 824 CTTCTACTGTGCTCACTTCTGCTCAATGCGCGCTGCTGCTGCTGCTGCTGCTGCTGCT 883
Db 502 -----GACAACCACTTCTGATCTCATGATGCTGCTGCTGCTGCTGCTGCTGCTGCA 553
Qy 884 GTTGTCTCAAGCAATGGGCTGCTCCCAATGACGCTGGGCTGCAATACGCTGCTGCT 943
Db 554 GCTGCACTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 607
Qy 944 CTTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1003
Db 608 CTTCCCAAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 667
Qy 1004 TCACTGCTTCAAGACGCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1063
Db 668 TCGACTGCTTCAAGACGCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 727
Qy 1064 AGGAATACCGCCCAAGCAAGTTG 1088
Db 728 AGGCTCTCTGCAATCATGATGATG 752

RESULT 5
US-08-389-423-3
Sequence 3, Application US/08389423

GENERAL INFORMATION:
APPLICANT: Rasmussen, Grethe
APPLICANT: Mikkelsen, Jan Moller
APPLICANT: Schuelein, Martin
APPLICANT: Patkar, Shankant A.
TITLE OF INVENTION: A Cellulase Preparation Comprising an
NUMBER OF SEQUENCES: 33
CORRESPONDENCE ADDRESS:
ADDRESS: No. 59486720 No. 59486720 of No. 59486720 America, Inc.
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/389,423
FILING DATE: 14-FEB-1995
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:

NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 3469,214-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1473 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Pseudium oxysporum
STRAIN: DSM 2672
FEATURE:
NAME/KEY: CDS
LOCATION: 97..1224
US-08-389-423-3

Query Match 17.6%; Score 194.2; DB 2; Length 1473;
Best Local Similarity 59.5%; Pred. No. 2,6e-52;
Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

Qy 464 GTGTCCTCTGCTGAACGCTGCTCACTGCTTATGGAATGCTGTAAGCCTCTCTGTA 523
Db 143 GTGTCCTCTGCTGAACGCTGCTCACTGCTTATGGAATGCTGTAAGCCTCTCTGCT 202
Qy 524 GCTGCGCCGGTGAAGGCAATGTCACTTCTCTGCTCAAGTCCCTGTAACAAAGATGCTGCA 583
Db 203 CTTGGAGCGGAAGGCTGCTGTCAAGCGCCCTGCTTAATCTTGATAGAACACCAACC 262
Qy 584 CTGCGCTTAGTACACGAATGTCCAAAGTGTGCTGAAGGCTGAACAGTTACATGTGTA 643
Db 263 CCATTTCCAAACCAATGCTGTCAACGGTTGGAAGGCTGCTGCTTCAATGCTGTGCA 322
Qy 644 AGCAACACCAAGCTTGGGCTGTAACGATATCTTGCTATGCTTCCGCTGCTGCA 703
Db 323 CCAACTACTCTCTCGGCTGTCAACGATGATGCTTCCCTGCTTCAAGAGCTGCTGCAAGA 382
Qy 704 TCAGTGTGTGTGTGATCTGCTGCTGCTGCTGCTTCTTCTTCTGTAAGTACTTCACTTCTTA 763
Db 383 TCTCCGCTGCTCGGAGCGCAAGCTGCTGCTGCTGCTTCTTCTGACCTTCACTGCACTG 442
Qy 764 CTTCTGCTGTGTAAGAAAGTGTATCCAAAGTCACTAACACTGCTGCTGCTGCTGCT 823
Db 443 GCCCGCTCAAGGCAAGAGATGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 501
Qy 824 CTTCTACTGTGCTCACTTGAATGCAATGCGCGGCTGCTGCTGCTGCTGCTGCTGCT 883
Db 502 -----GACAACCACTTCTGATCTCATGATGCTGCTGCTGCTGCTGCTGCTGCTGCA 553
Qy 884 GTTGTCTCAAGCAATGGGCTGCTCCCAATGACGCTGGGCTGCAAGTACGCTGCTATTT 943
Db 554 GCTGCACTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 607
Qy 944 CTTCTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 1003
Db 608 CTTCCCAAGGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 667
Qy 1004 TCACTGCTTCAAGACGCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 1063
Db 668 TCGACTGCTTCAAGACGCTGATGATGATGATGATGATGATGATGATGATGATGATGAT 727
Qy 1064 AGGAATACCGCCCAAGCAAGTTG 1088
Db 728 AGGCTCTCTGCAATCATGATGATG 752

RESULT 6

US-09-230-665-3
 : Sequence 3, Application US/09230665
 : Patent No. 6322595/
 : GENERAL INFORMATION:
 : APPLICANT: Boyer, Stanton L.
 : TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase
 : FILE REFERENCE: 6191 Sequence Listing (8 Sequences)
 : Patent No. 6322595
 : CURRENT APPLICATION NUMBER: US/09/230,665
 : CURRENT FILING DATE: 1999-01-29
 : EARLIER APPLICATION NUMBER: 60/023,125
 : EARLIER FILING DATE: 1996-07-30
 : NUMBER OF SEQ ID NOS: 8
 : SOFTWARE: PatentIn Ver. 2.1
 : SEQ ID NO 3
 : LENGTH: 1473
 : TYPE: DNA
 : ORGANISM: Fusarium oxysporum
 : FEATURE:
 : NAME/KEY: CDS
 : LOCATION: (97)..(1224)
 : US-09-230-665-3

Query Match 17.6%; Score 194.2; DB 4; Length 1473;
 Best Local Similarity 59.5%; Pred. No. 2.6e-52;
 Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

QY 464 GTGTGCTCTGTGTAACGGTGTCACTACTGTTATTTGGAGTTGCTGAAGGCTCTCTGTA 523
 DB 143 GTGCTGCTTCTGGAAGCGGTCACTACTGATCTGGAGTTGCTGCAAGCCTTCTTGCT 202
 QY 524 GCTGCGCCGGTAAGGCCAATGTCACTTCTCTGCAAGTCTCTGTAACAAGATGTGTCA 583
 DB 203 CTGTGAGCGGAAGCGTGTGTCAACGCCCTGTCTTAACCTGTGATTAAGAACCAACC 262
 QY 584 CTGCGCTTATGAGACGACATGTCCAAAGTGTGCTGTAACGGTGTGAACATTAATGTGTA 643
 DB 263 CCATTTCCACACCAATGTCTGTCAACGGTTGTGAGGGTGTGCTTGTCTTATGTGCA 322
 QY 644 ACGACAAACAGCCTTGGGCTGTAAACGATTAATCTTGCCTATGTTGCTGCTGCGCA 703
 DB 323 CCACTACTCTCCCGGCTGTCAACGATGAGCTTGCCTTACGGTTGCTGCTCAAGA 382
 QY 704 TCAGTGTGTGTGTAATCTGCTGTGTCTGTCTTCTTGTGAACTTCACTTCACTTGA 763
 DB 383 TCTCCGGTGTCCGAGGCGCAGCTGTGTCTGTCTTGTATGCTTGAACCTTCAACACTG 442
 QY 764 CCTCTGTTGTGTGAAGATGTTATCAAGTCACTAACAAGTGTGTGATCTTGTGCT 823
 DB 443 GCCCGGTCAAGGCGCAAGATGATGTCTGATCCACCAACACTGAGGTATCTCGGC- 501
 QY 824 CCTCTACTGTGTCACTTTGACTTGAATGCCGAGTGTGTGTGTGTAATTTTCAATG 883
 DB 502 -----GACACCACTTCATCTCATGATGCCGGGGGTGTGTGTGTAATCTCGACG 553
 QY 884 GTTGTCTCAACCAATGGGCTGTCTCCCATGACGGTGTGGGCTCGAATATCGGTGTAAT 943
 DB 554 GCTCACTCTGTAGTTCG-----CAAGGCTCTCGGGGTGCGCCAGTACGCGGTATCT 607
 QY 944 CTTCTGCACTGTACTGTCTTATCTTCTTCCGACCTCAAGCTGTGTTAATGGAAT 1003
 DB 608 CTTCCGAGGCAATGTATGATACCCCGAGCTTCTTAAGACGTTGCACTGCGCAT 667
 QY 1004 TCAACTGTTCAGAACGCTGATTAACCAAGATGACTTAAAGAGTAACTGTCTCCA 1063
 DB 668 TCGACTGTTCAGAAAGCCGCAACCTGACTTCACTTTGAGTAAGTTAGTGTGCCCCA 727
 QY 1064 AGGAATATCAAGCCCAAGCAGTTG 1088
 DB 728 AGGCTCTCTGACATCAGTGATG 752

RESULT 7

US-09-189-028-3
 : Sequence 3, Application US/09189028
 : Patent No. 6423524
 : GENERAL INFORMATION:
 : APPLICANT: Raemussen, Grethe
 : APPLICANT: Mikkelson, Jan Moller
 : APPLICANT: Schulten, Martin
 : APPLICANT: Packar, Shankant A.
 : APPLICANT: Hagen, Fred
 : TITLE OF INVENTION: A Cellulase Preparation Comprising an
 : TITLE OF INVENTION: Endoglucanase Enzyme
 : NUMBER OF SEQUENCES: 33
 : CORRESPONDENCE ADDRESS:
 : ADDRESSEE: No. 6423524 No. 6423524disk of No. 6423524th America, Inc.
 : STREET: 405 Lexington Avenue, 64th Floor
 : CITY: New York
 : STATE: New York
 : COUNTRY: United States of America
 : ZIP: 10174-6401
 : COMPUTER READABLE FORM:
 : MEDIUM TYPE: Floppy disk
 : COMPUTER: IBM PC compatible
 : OPERATING SYSTEM: PC-DOS/MS-DOS
 : SOFTWARE: PatentIn Release #1.0, Version #1.30
 : CURRENT APPLICATION DATA:
 : APPLICATION NUMBER: US/09/189,028
 : FILING DATE:
 : CLASSIFICATION:
 : PRIOR APPLICATION DATA:
 : APPLICATION NUMBER: US 08/389,423
 : FILING DATE: 14-FEB-1995
 : ATTORNEY/AGENT INFORMATION:
 : NAME: Lambiris, Elias J.
 : REGISTRATION NUMBER: 33,728
 : REFERENCE/DOCKET NUMBER: 3469, 214-US
 : TELECOMMUNICATION INFORMATION:
 : TELEPHONE: 212-867-0123
 : TELEFAX: 212-878-9655
 : INFORMATION FOR SEQ ID NO: 3:
 : SEQUENCE CHARACTERISTICS:
 : LENGTH: 1473 base pairs
 : TYPE: nucleic acid
 : STRANDEDNESS: single
 : TOPOLOGY: linear
 : MOLECULE TYPE: cDNA
 : HYPOTHETICAL: NO
 : ANTI-SENSE: NO
 : ORIGINAL SOURCE:
 : ORGANISM: Fusarium oxysporum
 : STRAIN: DSM 2672
 : FEATURE:
 : NAME/KEY: CDS
 : LOCATION: 97..1224
 : US-09-189-028-3

Query Match 17.6%; Score 194.2; DB 4; Length 1473;
 Best Local Similarity 59.5%; Pred. No. 2.6e-52;
 Matches 372; Conservative 0; Mismatches 238; Indels 15; Gaps 2;

QY 464 GTGTGCTCTGTGTAACGGTGTCACTACTGTTATTTGGAGTTGCTGAAGGCTCTCTGTA 523
 DB 143 GTGCTGCTTCTGGAAGCGGTCACTACTGATCTGGAGTTGCTGCAAGCCTTCTTGCT 202
 QY 524 GCTGCGCCGGTAAGGCCAATGTCACTTCTCTGCAAGTCTCTGTAACAAGATGTGTCA 583
 DB 203 CTGTGAGCGGAAGCGTGTGTCAACGCCCTGTCTTAACCTGTGATTAAGAACCAACC 262
 QY 584 CTGCGCTTATGAGACGACATGTCCAAAGTGTGCTTAAAGTGTGAACATTAATGTGTA 643
 DB 263 CCATTTCCACACCAATGTCTGTCAACGGTTGTGAGGGTGTGCTTGTCTTATGTGCA 322
 QY 644 ACGACAAACAGCCTTGGGCTGTAAAGATTAATCTTGCCTATGTTGCTGCTGCTGCA 703

RESULT 8
US-09-230-665-7
Sequence 7, Application US/09230665

```

APPLICANT: Boyer, Stanton L.
TITLE OF INVENTION: Detergent Composition Comprising Two Cellulase
TITLE OF INVENTION: Components, with and without a Cellulose-Binding Domain
FILE REFERENCE: 6191 Sequence Listing (8 Sequences)
Patent No. 6122595
CURRENT APPLICATION NUMBER: US/09/230,665
CURRENT FILING DATE: 1999-01-29
EARLIER APPLICATION NUMBER: 60/023,125
EARLIER FILING DATE: 1996-07-30
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 984
TYPE: DNA
ORGANISM: Unknown Organism
FEATURE:
OTHER INFORMATION: Description of Unknown Organism: Organism encoding
OTHER INFORMATION: an endoglucanase enzyme
FEATURE:
NAME/KEY: CDS
LOCATION: (97)..(735)
IS-09-230-665-7

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Query Match	17.3%	Score 190;	DB 4;	Length 984;
Best Local Similarity	59.7%	Pred. No. 4.5e-51;		
Matches 363;	Conservative	0;	Mismatches 230;	Indels 15; Gaps 2

Qy 464 GTGTGACCTCTGGTAAACGATGTCACTACTCGTTATTGGATTGCTGTAAAGCCCTCCGTGA 523
Db 143 GTCTGTGTTTGGAAACGGTCACTACTACGATCTCGGAATGGCTGCAAGCTTTCTTGCT 202
Qy 524 GCTGGCCCCGATTAGGCCCAATGTCAAGTTCCTCCGTCAAGTCCGTGAACAAAGATGATGTCA 583
Db 203 CTTGGAGCGGAAAGCGCTGCTGTCAAGCCCTGCTTTAACTTGATATGAACACACACC 263
Qy 584 CTGCCTTATGACAGCAATGTCCAAAGTGGCTGTAAACGCTGTAAACAGTTACATGTGTA 643

[illegible]

RESULT 9
US-08-651-136C-9

GENERAL INFORMATION:
 APPLICANT: Schultein, Martin
 APPLICANT: Andersen, Lene N.
 APPLICANT: Lassen, Soren F.
 APPLICANT: Kauppinen, Markus S.
 APPLICANT: Lange, Lene
 APPLICANT: Nielsen, Ruby I.
 APPLICANT: Ihara, Michiko
 APPLICANT: Takagi, Shinobu
 TITLE OF INVENTION: No. 6001639e1 Endoglucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS: No. 6001639d1 of No. 6001639th America, Inc

STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.3G
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651,136C
FILING DATE: 21-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366-200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123

TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1423 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 110..1156
US-08-651-136C-9

Query Match 16.5%; Score 181.2; DB 3; Length 1423;
Best Local Similarity 59.5%; Pred. No. 3,8e-48;
Matches 369; Conservative 0; Mismatches 233; Indels 18; Gaps 3;

469 GCCTCTGTAAAGGTCCTGCTGTTATTTGGATTGCTGTAAAGGCTCTGTAGCTGG 528
170 GCCTCGGCAAGGCAACACCCGCTACTGGATTCTGCAAGACTTCTTGCGCATGG 229
529 CCCGGTAGGCGCAATGTCTCTCTGTCAAGTCTGTAAAGAGTGTCTACTGCC 588
230 GAGGCAAGGATCGCTCTCGAGCTGTCTGTACCTGTAAACAGCA---GGACAAACC 286
589 CTTAGTGAAGCAATGTCTCAAGTGTCTGTAAAGTGTGTAAAGTATCATGTGTACGAC 648
287 ATCTGCAATGCCCAAGCCAGAGCGGCTGCGAGCGGCGGCGGCACTTGGCTGTACCAAC 346
649 AACCAAGCTTGGGCTGTAAAGATATCTTGTCTATGTTTCTGCTGTCTGTCTGTACAGT 708
347 AATTCCTTGGGCGGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG 406
709 GGTGTGTGAATCTGCTGTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGT 768
407 GCGGCACTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 466
769 GTTGTGTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 828
467 GTTGTGTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 523
829 ACTGTGTCTCACTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 888
524 -----AACCACTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 577
889 TCCAAGCAATGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 948
578 TCGGCTCAGTTCGCAAACTTCTTCC-----GGCGAGCGTTACGAGAGGAGGAGGAGGAGGAGG 631
949 GCATGTGATGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 1008
632 CGCTCTCAATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 691
1009 TGGTTCAGAAAGCGTGTATACCAAGCAATGATGATGATGATGATGATGATGATGATGATGATGAT 1068
692 TGGTTCAGAAAGCGTGTATACCAAGCAATGATGATGATGATGATGATGATGATGATGATGATGAT 751
1069 ATCAGCGCCAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 1088
752 CTCAATGCGGCTCTGCGGTG 771

Thara, Michiko
Takagi, Shinobu
TITLE OF INVENTION: No. 6387690e1 Endoglucanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 63876900 No. 6387690disk of No. 6387690th America, Inc.
STREET: 405 Lexington Avenue, 64th Floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/229,911A
FILING DATE: 13-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/651,136
FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
NAME: Lambirth, Biale J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655

INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 1423 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 110..1156
US-09-229-911A-9

Query Match 16.5%; Score 181.2; DB 4; Length 1423;
Best Local Similarity 59.5%; Pred. No. 3,8e-48;
Matches 369; Conservative 0; Mismatches 233; Indels 18; Gaps 3;

469 GCCTCTGTAAAGGTCCTGCTGTTATTTGGATTGCTGTAAAGGCTCTGTAGCTGG 528
170 GCCTCGGCAAGGCAACACCCGCTACTGGATTCTGCAAGACTTCTTGCGCATGG 229
529 CCCGGTAGGCGCAATGTCTCTCTGTCAAGTCTGTAAAGAGTGTCTACTGCC 588
230 GAGGCAAGGATCGCTCTCGAGCTGTCTGTACCTGTAAACAGCA---GGACAAACC 286
589 CTTAGTGAAGCAATGTCTCAAGTGTCTGTAAAGTGTGTAAAGTATCATGTGTACGAC 648
287 ATCTGCAATGCCCAAGCCAGAGCGGCTGCGAGCGGCGGCGGCACTTGGCTGTACCAAC 346
649 AACCAAGCTTGGGCTGTAAAGATATCTTGTCTATGTTTCTGCTGTCTGTCTGTACAGT 708
347 AATTCCTTGGGCGGTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 406
709 GGTGTGTGAATCTGCTGTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGTCTGT 768
407 GCGGCACTGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG 466
769 GTTGTGTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 828
467 GTTGTGTGAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 523
829 ACTGTGTCTCACTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 888

Db 524 -----MACCATTTGACCTGATGATTCGCGATGAGGCTCGGCATCTTTGACGTTGC 577
 QY 889 TCCAGCAATGGGGTGTCTCCCAATGACGGTTGGGGCTCGAGATACGGTGTATTTCTTCT 948
 Db 578 TCGGCTGAGTGGCAACTTCTTCCC-----GGCGAGCGTTTACGAGAGTGTTCGCC 631
 QY 949 GCATCTGACTGCTTCTGATCTTCTCCGACCTCCAGCTGCTGTTGTAATGAGATTCAC 1008
 Db 632 CGCTTCATGCGATGATGATGCGCCGAGCTCTGAAAGAGCGTTGCGAGTGGCGCTTGCAC 691
 QY 1009 TGGTTCAAGAACCTGATTAACCCAGCATGATCTTCAAGAAAGTACCTGCCAAGGAA 1068
 Db 692 TGGTTCAAGAACCTGATTAACCCAGCATGATGATGAGAGTTCAGTGTGCCAAGAG 751
 QY 1069 ATCAGCGCCCAAGACAGTTG 1088
 Db 752 CTGATTGCGGTCTCTGGGTG 771

RESULT 11

US-08-651-136C-5
 ; Sequence 5, Application US/08651136C

Patent No. 6001639
 ; GENERAL INFORMATION:

APPLICANT: Schuelein, Martin
 APPLICANT: Andersen, Lene N.

APPLICANT: Lassen, Soren F.
 APPLICANT: Kauppinen, Markus S.

APPLICANT: Lange, Lene
 APPLICANT: Nielsen, Ruby I.

APPLICANT: Ihara, Michiko
 APPLICANT: Takagi, Shinobu

TITLE OF INVENTION: No. 6001639e1 Endoglucanases
 NUMBER OF SEQUENCES: 109

CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 60016390 No. 6001639disk of No. 6001639th America, Inc.

STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York

STATE: New York
 COUNTRY: United States of America

ZIP: 10174-6401
 COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/651,136C

FILING DATE: 21-MAY-1996
 CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
 NAME: Lambiris, Elias J.

REGISTRATION NUMBER: 33,728
 REFERENCE/DOCKET NUMBER: 4366-200-US

TELEPHONE: 212-867-0123
 TELEFAX: 212-878-9655

INFORMATION FOR SEQ. ID NO: 5:
 SEQUENCE CHARACTERISTICS:

LENGTH: 927 base pairs
 TYPE: nucleic acid

STRANDEDNESS: single
 TOPOLOGY: linear

MOLECULE TYPE: CDNA
 FEATURE:

NAME/KEY: CDS
 LOCATION: 1..924

US-08-651-136C-5

Query Match 16.2%; Score 178; DB 3; Length 927;
 Best Local Similarity 58.7%; Pred. No. 3,1e-47;
 Matches 370; Conservative 0; Mismatches 245; Indels 15; Gaps 3;

QY 471 CTCTGTAACGGTGTCACTACTGTTATTTGGATTGCTGTAAAGCCCTCTGAGCTGCC 530
 Db 60 CTGGGGATCGGCGACAGACCCGGTACTGGAGCTGTGCAAGCCGAGCTGCCCTGACC 119
 QY 531 CGGTAAAGCCCAATGTCACTTCTCTGTCAGAGTCCGTAAACAAAGATGTGTCACTGCCCT 590
 Db 120 CGGCAAGGGGCC--CTGCTCTCGGTGACAGGCTTGGCAGCAAGAACGAAACCGGCTCAA 176
 QY 591 TATGTACAGCAATGTCCAAAGTGGCTGTAAAGCTGTAAAGT--TACATGTGTAAAG 647
 Db 177 CGAGCGCGGCTCCACCGGCTCGGCTGCGAGCGCGGCGAGCGGCTTACATGTGTCTTC 236
 QY 648 CAACAGCTTGGGCTGTAAAGATTAATCTTGGCTGATGATTTGGCTGCTGCTCAG 707
 Db 237 CCAGAGCCCTGCGGCTGTGAGAGAGCTGTGTAGGCTGGGCGGCGGCTGCAAGCTGCC 296
 QY 708 TGGTGTGTGATATCGCTGTGCTGTCTTGTGTTTCAACTTACTTACTTACTCTC 767
 Db 297 CGGAGCTCGAGTCCGACATGATGATGATGATGATGATGATGATGATGATGATGATGAT 356
 QY 768 TGTGTGTGTAAAGATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 827
 Db 357 GGTGCGGGGCAAGAAATGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 411
 QY 828 TACTGTGTCACTTGTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 887
 Db 412 ---GACAACTCTTGAAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAGCTGAG 467
 QY 888 TCCCAAGCAATGGGGTGTCTCCCAATGACGGTTGGGGCTGAAATTCGGTGTATTTCTTC 947
 Db 468 CACGACCAAGTACGGCGCTCCCGAAGCGCTGGGGCGAAGCTGTAGGGGGATTCATTC 527
 QY 948 TGCATCTGATCTGTCTGATGATGATGATGATGATGATGATGATGATGATGATGATGAT 1007
 Db 528 CAAGAAAGTGGCAATCTTCCCGAAGGCTCTCAAGCCCTCAAGCCCTCAAGCCCTCAAG 587
 QY 1008 CTGTTCAAGAACCTGATTAACCCAGCATGATCTTCAAGAAAGTATCTGTGCCAAGAA 1067
 Db 588 CTGTTCCAAAGCCGCAACCCGATGATGATGATGATGATGATGATGATGATGATGATGAT 647
 QY 1068 AATCAGCCCAAGACAGTGTTCAGAA 1097
 Db 648 GCTCAGTCCAAAGCGGCTGTCTCCGTA 677

RESULT 12
 US-09-229-911A-5
 ; Sequence 5, Application US/09229911A
 ; Patent No. 6387690
 ; GENERAL INFORMATION:
 APPLICANT: Schuelein, Martin
 APPLICANT: Andersen, Lene N.
 APPLICANT: Lassen, Soren F.
 APPLICANT: Kauppinen, Markus S.
 APPLICANT: Lange, Lene
 APPLICANT: Nielsen, Ruby I.
 APPLICANT: Ihara, Michiko
 APPLICANT: Takagi, Shinobu
 TITLE OF INVENTION: No. 6387690e1 Endoglucanases
 NUMBER OF SEQUENCES: 109
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: No. 63876900 No. 6387690disk of No. 6387690th America, Inc.
 STREET: 405 Lexington Avenue, 64th Floor
 CITY: New York
 STATE: New York
 COUNTRY: United States of America
 ZIP: 10174-6401
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: Patentin Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:

```

APPLICATION NUMBER: US/09/229,911A
FILING DATE: 13-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: 08/651,136
  FILING DATE: 21-MAY-1996
ATTORNEY/AGENT INFORMATION:
  NAME: Lambiris, Elias J.
  REGISTRATION NUMBER: 33,728
  REFERENCE/DOCKET NUMBER: 4366,200-US
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 212-867-0123
  TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 5:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 927 base pairs
    TYPE: nucleic acid
    STRANDEDNESS: single
    TOPOLOGY: linear
  MOLECULE TYPE: cDNA
  FEATURE:
    NAME/KEY: CDS
    LOCATION: 1..924
  SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-229-911A-5

Query Match      16.2%  Score 178;  DB 4;  Length 927;
Best Local Similarity 58.7%;  Pred. No. 3,1e-47;
Matches 370;  Conservative 0;  Mismatches 245;  Indels 15;  Gaps 3;

471  CTCGTGAACGGTGTCACTACTCTGTTATTGGAGATTGCTGAAGCCCTCTAGTGGCC 530
Db 60  CTCGGGCAATCGGCGACGACCGGTACTGGGACTGCTGCAAGCCGACCTGGCTGGCC 119
Qy 531 CGGTAAAGCCCAATGTCAATTCTCTGTCAGTCTCTGAACAAGATGTGTCACTGCCCT 590
Db 120 CGGCAAGGGGCC---CTCGTCTCCGGTCCAGGCTGCGACAAAGACCAACCCGCTCAA 176
Qy 591 TAGTGAACGCAATGTCCAAAGTGGCTGTAAGCTGTGAACGT---TACATGTGAAGA 647
Db 177 CGAGCGCGGCTCCACCCGGTCCGGCTGGAGCGGCGGCGACGCTGACATGTGCTCTC 236
Qy 648 CAACAGCCTTGGGCTGTAAAGATATCTTGCTATGTTCTGCTGCTGCATCAG 707
Db 237 CCAAGAGCCCTGGGCGCTCAAGACGAGCTGTCTGACGGCTGGGCGCTCAAGCTGCC 296
Qy 708 TGTGTGTGTGAATCTCGTGTGTGTCTTGTGTAAGTCTTCACTTCACTTCACTC 767
Db 297 CGGAGCTCCGAGTGTGAGTGTGTGCTGCGCTGTACAGACTGACCTTCAACAGCGGCC 356
Qy 768 TGTGTGTGTGAAGATGTGTATTCAGATCACTAAGTGTGTATCTTGGTCTCTC 827
Db 357 GGTGCGGGGCAAGATGATGTGTGACGACCAACACCGGTGCGACTGGGGC----- 411
Qy 828 TACTGTGCTCACTTGAATTGCAATGCCCCGGTGGTGTGTGTGTATTTCAATGTTG 887
Db 412 ----GACAACAACCTTGAACCTGGCCATCCCGGTGGCGGTGTGTATTTCAAGCTG 467
Qy 888 CTCGAAGATGAATGGGTGTCTCCCAATGACGTTGGGGCTCGAAGATACGGTGTATTCTTC 947
Db 468 CACGACACAGTACGGCGCTCCCGGACGCGTGGGGGCAACGCTACGGCGGATCATTC 527
Qy 948 TGCATGTGATGCTTACTTCTTCTCCGCACTCCAACTGTTTAAATGAAGATTCAA 1007
Db 528 CAAGAAAGTGTGCAATCTTCCCGAGGCTTCAAGCCGCTCAACTGGCGCTTGA 587
Qy 1008 CTGTTTCAAGAACGCTGTAACCCCAAGCATGACTTACAAGAAAGTTACTGTCCAAAGA 1067
Db 588 CTGTTTCAAGAACGCTGTAACCCCGTGTACTCTTCAAGAGATGTGGCTGCGCTGCGA 647
Qy 1068 AATCACCGCCCAAGACAGGTGTGTTCAAGAA 1097
Db 648 GCTCACGTCCAAGAGCGGCTGCTCCGTTAA 677

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RESULT 13
US-08-651-136C-1
Sequence 1, Application US/08651136C
Patent No. 6001639
GENERAL INFORMATION:
  APPLICANT: Schulten, Martin
  APPLICANT: Andersen, Lene N.
  APPLICANT: Lassen, Soren P.
  APPLICANT: Kauppinen, Markus S.
  APPLICANT: Lange, Lene
  APPLICANT: Nielsen, Ruby I.
  APPLICANT: Ihara, Michiko
  APPLICANT: Takagi, Shinobu
TITLE OF INVENTION: No. 6001639e1 Endoglycanases
NUMBER OF SEQUENCES: 109
CORRESPONDENCE ADDRESS:
  ADDRESSEE: No. 6001639e No. 6001639e1disk of No. 6001639e America, Inc.
  STREET: 405 Lexington Avenue, 64th Floor
  CITY: New York
  STATE: New York
  COUNTRY: United States of America
  ZIP: 10174-6401
COMPUTER READABLE FORM:
  MEDIUM TYPE: Floppy disk
  COMPUTER: IBM PC compatible
  OPERATING SYSTEM: PC-DOS/MS-DOS
  SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/08/651,136C
  FILING DATE: 21-MAY-1996
  CLASSIFICATION: 435
  ATTORNEY/AGENT INFORMATION:
    NAME: Lambiris, Elias J.
    REGISTRATION NUMBER: 33,728
    REFERENCE/DOCKET NUMBER: 4366,200-US
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: 212-867-0123
    TELEFAX: 212-878-9655
  INFORMATION FOR SEQ ID NO: 1:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 960 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
    MOLECULE TYPE: cDNA
    FEATURE:
      NAME/KEY: CDS
      LOCATION: 113..787
US-08-651-136C-1

Query Match      16.1%  Score 177.8;  DB 3;  Length 960;
Best Local Similarity 58.6%;  Pred. No. 3,7e-47;
Matches 371;  Conservative 0;  Mismatches 247;  Indels 15;  Gaps 3;

471  CTCGTGAACGGTGTCACTACTCTGTTATTGGAGATTGCTGAAGCCCTCTAGTGGCC 530
Db 172 CTCGGGCAATCGGCGACGACCGGTACTGGGACTGCTGCAAGCCGACCTGGCTGGCC 231
Qy 531 CGGTAAAGCCCAATGTCAATTCTCTGTCAGTCTCTGAACAAGATGTGTCACTGCCCT 590
Db 232 CGGCAAGGGGCC---CTCGTCTCCGGTGTGAGGCTGTGCAAGACAAAGACCCGCTCAA 288
Qy 591 TAGTGAACGCAATGTCCAAAGTGGCTGTAAAGCTGTGAACGT---TACATGTGAAGA 647
Db 289 CGAGCGGGCTCCACCCGGTCCGGCTGCGACGCGGCGGCGACGCTGACATGTGCTCTC 348
Qy 648 CAACAGCCTTGGGCTGTAAAGATATCTTGCTATGTTCTGCTGCTGCTGCATCAG 707
Db 349 CCAAGAGCCCTGGGCGCTCAAGACGAGCTGTCTTACAGGCTGGGCGGCTGCAAGCTGCC 408
Qy 708 TGTGTGTGTGAATCTCGTGTGTGTCTTGTGTAAGTCTTCACTTCACTTCACTC 767

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TYPE: nucleic acid

TITLE OF INVENTION:	No.
NUMBER OF SEQUENCES:	109

CORRESPONDENCE ADDRESS:
ADDRESSEE: No. 60016390 No. 6001639disk of No. 6001639th America, Inc.
STREET: 405 Lexington Avenue, 64th floor
CITY: New York
STATE: New York
COUNTRY: United States of America
ZIP: 10174-6401
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/651.136C
FILING DATE: 21-MAY-1996
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Lambiris, Elias J.
REGISTRATION NUMBER: 33,728
REFERENCE/DOCKET NUMBER: 4366.200-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-867-0123
TELEFAX: 212-878-9655
INFORMATION FOR SEQ ID NO: 21:
SEQUENCE CHARACTERISTICS:
LENGTH: 1132 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 42..971
US-08-651-136C-21

Query Match 16.1%; Score 177.8; DB 3; Length 1132;
Best Local Similarity 57.8%; Pred. No. 4.1e-47;
Matches 383; Conservative 0; Mismatches 262; Indels 18; Gaps 3;

Qy 426 CTCTTCTACTCTAGCGGCAAACTCCATGTCCTCTGTGTGCTCTGTGTAACGGTGT 485
Db 50 CTCTGCACTCTCTCATCGGCTCTGTGCGCGGTGTGCGCCCAAGTCCTCTGTGCAACGGCG 109
Qy 486 CACTACTGCTATTGGAGTGTGTAAGGCTCTGTAGCTGTGCGGTAAGGCAATGT 545
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Qy 546 CAGTCTCTCTGCAAGTCTCTGTACAAAGATGTGTCACTGCTTGTAGTGAACGATGT 605
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Db 230 CGGTGCGATTCACAGCGCGTCCGCTTACAGTGTACGATTAACGACCGTGGCTGT 286
Qy 666 AAAGATAATCTGTGCTGATGTTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 725
Db 287 CAACGATTAACCTGTGCTGATGTTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG 346
Qy 726 CTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 785
Db 347 CTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 406
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Qy 846 CTTCGAATGCGCGGTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 905
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Qy 1026 TAACCAAGCATGACTTACAAAGAGTTACTGTCCCAAGGAAATCAACCGCAAGACAG 1085
Db 632 CAACCCGAGCTCTGTGTGCGCGGCTGCAAGTGTGCGCGGCACTCAACGACGACCGG 691
Qy 1086 TTG 1088
Db 692 CTG 694

Search completed: June 17, 2003, 18:55:31
Job time : 63.5096 secs

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